



# SUN WEST ENGINEERING, INC.

3802 E. BROADWAY RD. PHOENIX, ARIZONA 85040

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## ISUZU COLT

### 16,000-lb GVWR



**Isuzu NPR- XD Truck Chassis with 150" WB (16,000 lbs./22,000 lbs. GVWR/GCWR)**

**Front Axle Capacity: 6,830 lbs.**

**Rear Axle Capacity: 11,020 lbs.**

**Tapered/Multi-Leaf Suspension F/R Springs Capacity: 8,440/14,308 lbs.**

**Rear Axle Ratio 4.78**

**Isuzu 4HK1-TC 5.2L Turbocharged Intercooled Diesel Engine w/Exhaust Brake**

**215hp @ 2,500 rpm - 452 lb.-ft. Torque @ 1,850 rpm**

**Aisin A465 6-Speed Automatic with Double Overdrive Transmission**

**140-amp Alternator with 2 Maintenance-Free 750-CCA Batteries**

**Hydraulic Brakes with 4-Channel ABS**

**19.5" Heavy Duty 6-Lug Steel Wheels Front & Rear, Tires: 225/70R19.5F (12-ply)**

**30 Gal. In-Rail Fuel Tank**

**33 Gal. Factory Mounted Side Fuel Tank For Generator**

**PS, PB, A/C, AM/FM/CD, Tilt & Telescopic Steering**

**Power Windows with Heated Power Mirrors**

**COLT Conversion:**

**16' Van Body**

**Sliding side door with integrated entry steps**

**1" foam insulated walls, ceiling and door areas**

**Walls, ceiling & floor areas covered with ½" plywood and ESD resistant fabric**

**Floor covered with vinyl Lonseal Coin flooring**

**Install (2) 15,000 BTU low-profile roof mount A/C unit with heat strip**

**Automatic Transfer Switch with MOV/SAD Surge Protector**

**Cam Lock Generator Receptacle**

**200 AMP Distribution Panel 120/240 1Ø**

**Install service receptacles as required**

**Install LED ceiling mounted lights with master on/off switch as required**

**7" In-Dash Backup Camera, Color LCD Display with Lighted LED Camera**

**Smoke Alarm, Intrusion Alarm, Hi & Lo Temperature Alarms**

**Equipment Racks and Battery Shelves:**

**Install and Brace 19"/23" equipment racks as required for customer installed equipment**

**Outriggers:**

**Pullout design Multiple Position Outriggers with galvanized finish**

**Outrigger Jacks, 18" x 18" x 1" Jack Pads with handles**

**Misc features/Adders:**

- (2) Wheel chocks
- (4) Safety cones
- (1) Tool Kit

**Generator:**

**20Kw generator in rear compartment**

**Cummins Onan SD-20 generator with remote start and hour meter**

- Voltage — 1Ø 120/240
- 1Ø 120 Volt 167 Amps
- 1Ø 240 Volt 83 Amps

**Block Heater and Battery Charger**

**Air Compressor System:**

**120 Volt Low Maintenance Oil-Less Air Compressor**

**Regulator with 0-30 PSIG gauge**

**Pneumatic Controls, Check Valve & Pressure Switch**

**In- line Filter Lubricator Filters Out Condensed Moisture in Air System and Adds Lubricant to the Mast Air Supply**

**60' Will-Burt Pneumatic Mast:**

**Heavy Duty Mast, 450-Lb Lift Capacity**

**8 Sections 5.25"-11.25" Mast Tubes**

**11.25" Top Support Clamp with Black Powder Coat Finish**

**5.25" Mast Puck - Antenna Mounting Platform**

**Rotating Base Plate**

**Locking Collars with T-Handles and Color-Coded Trip Line Assemblies**

**Locking Collars to Support Indefinite Deployment without Air Pressure**

**Clear Anodized Finish on All Exterior Surfaces**

**Stainless Steel Hardware for Corrosion Protection**

**High-Strength Heat-Treated Aluminum Tubes and Collars with Low Friction Synthetic Bearings**

**Full-Length Internal Key Ways to Maintain Directional Azimuth Control**

**Protective Canvas Weather Cover**

**Installation & Operation Manual**

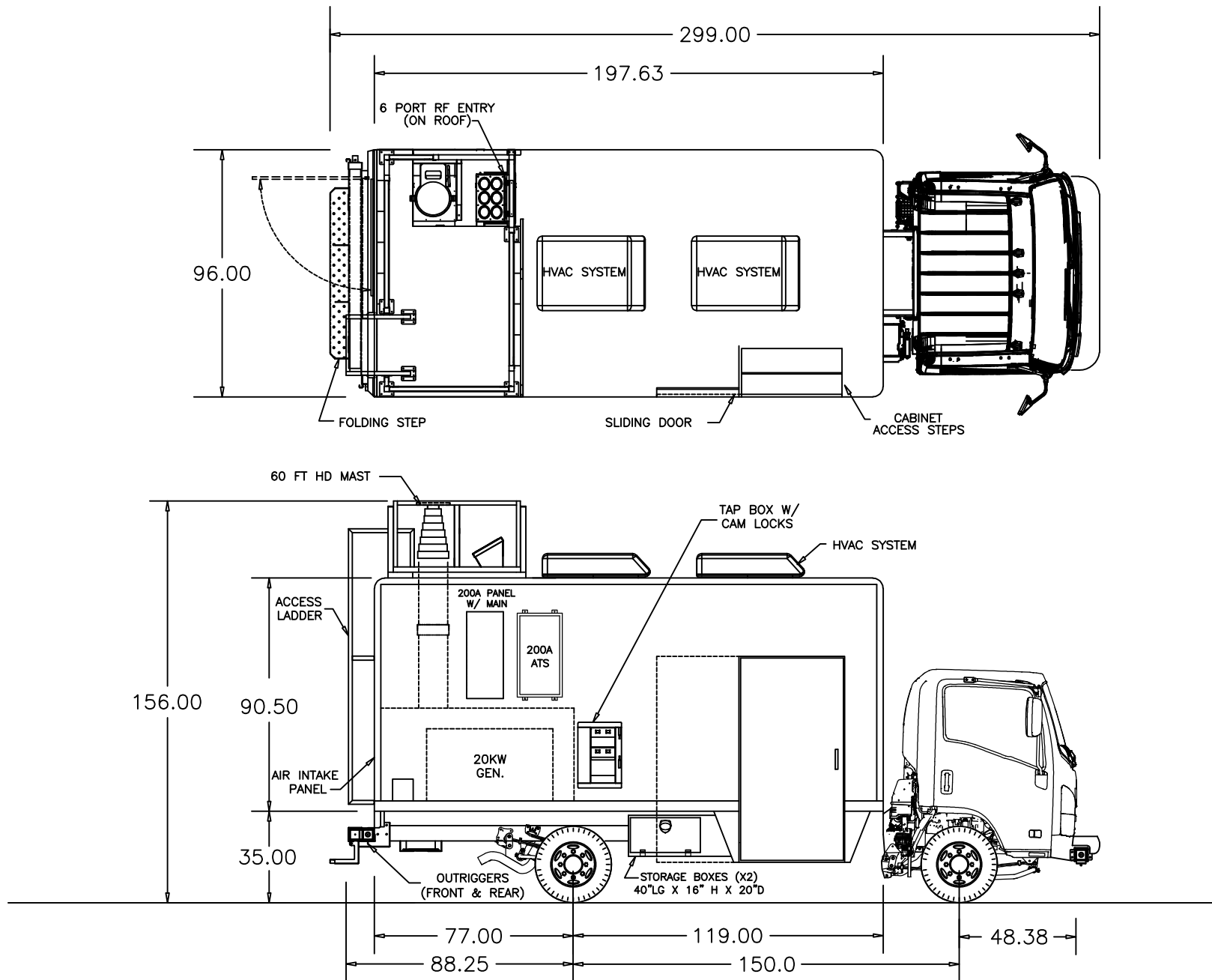
**16oz. Bottle of Mast Lubricant**

**60' 2-Level 4-Way Wire Rope Guy Kit:**

- (4) Hardened Steel Shackles**
- (8) 1/2" x 12" Galvanized Turnbuckles**
- (24) 3/16" Galvanized Cable Clamps**
- (8) 3/16" Galvanized Thimbles**
- (4) 48" Coated Steel Earth Anchors**
- (4) Powder Coated Mast Guy Plates**
- (4) 108' Color-Coded Guy Line Assembly (Yellow)**
- (4) 96' Color-Coded Guy Line Assembly (Clear)**

**Instructional/operational Manuals:**

**Full instruction/operations manual including wiring & plumbing schematics, dimensional overviews, Guying footprint and component warranty information.**



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PROPOSAL**

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<b>SUN WEST ENGINEERING, INC.</b> 3808 S. 38th ST., PHOENIX, AZ 85040 (602) 276-0082	
TITLE: 2015 ISUZU TRUCK	
CUSTOMER:	
PLOTTED SCALE: XXXX=1	SHEET: 1 of 1
DRAWN BY: <i>HW</i>	DATE DRAWN: 3-5-15
REVISED:	DWG. No. SW-5037R1







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**WARNING**  
DANGER  
Electrical shock  
can cause death.  
Always use proper  
lockout/tagout  
procedures.  
Do not touch  
energized parts.  
See instructions  
for more details.

2000W GENERATOR FEED  
120/240V 10  
ATS 200A 120/240V 10

PANEL 200A 120/240V 10

**WARNING**  
GENERATOR WILL  
START WITHOUT  
NOTICE!

120/240V 10

120/240V 10